Quick Start Guide

ROAD HOG™ Playback and Programming Wings

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High End

SYSTEMS®

Road Hog Console Quick Start Guide
P/N 60600282 V 2.0
February, 2008

Declaration of Conformity

According to ISO/IEC Guide 22 and EN45104

Manufacturer's name: High End Systems, Inc.
Distributor's name: High End Systems, Inc.
Distributor's address: 2105 Gracy Farms Lane, Austin, Texas, 78758

Declares that the product:

Product Name: Road Hog
Road Hog Full Boar
Road Hog Wing

All Product Number: ALL
All Product Options: ALL

Conforms to the following EEC directives:

73/23/EEC, as amended by 93/68/EEC
89/336/EEC, as amended by 92/31/EEC and 93/68/EEC

Equipment referred to in this declaration of conformity was first manufactured in compliance with the following standards in 2007:

Safety: EN60950:2000
EMC: EN55022: 1998: Class A ITE
EN61000-3-2
EN61000-3-3
EN55024:1998
EN61000-4-2: Level 3, Class 2
EN61000-4-3: 1995 Level 2 (3V/m)
EN61000-4-4: 1995 Level 2 (1/.5kV)
EN61000-4-5: 1995 Level 3 (2/1kV)
EN61000-4-6: 1965 Level 2 (3Vrms)
EN61000-4-11:1994

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directives and Standards.

USA, April 13, 2007

Warranty Information

Limited Warranty: Unless otherwise stated, your product is covered by a one year parts and labor limited warranty. It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and dealer or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

Returning an Item Under Warranty for Repair: It is necessary to obtain a Return Material Authorization (RMA) number from your dealer or point of purchase BEFORE any units are returned for repair. The manufacturer will make the final determination as to whether or not the unit is covered by warranty.

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Note: Freight Damage Claims are invalid for products shipped in non-factory boxes and packing materials.

Freight: All shipping will be paid by the purchaser. Under no circumstances will freight collect shipments be accepted.

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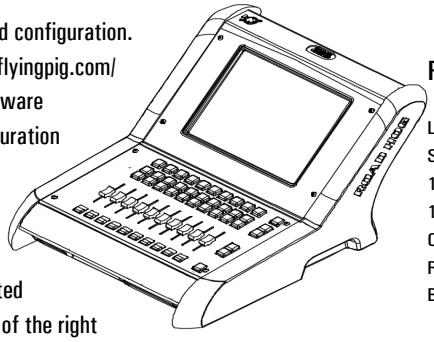
ROAD HOG™ Playback & Programming Wing

Quick Start Guide

This document describes Wing hardware setup and configuration. Refer to the Wholehog User Manual (http://www.flyingpig.com/support/hog3/manuals) for detailed Wholehog software instructions. Section 12.4 details software configuration of Playback and Programming Wings.

The User Manual is available in several languages andcan be accessed within the Wholehog software by pressing the Help key located within most windows and in the upper left corner of the right touchscreen.



Playback Wing

LED Desk Light
Screen Controls
12" Touchscreen
10 Playback Controls
Central Playback Keys
Rear Expansion Port for Super Widget
Blue LED Marker Lights

Programming Wing

LED Desk Light
Screen Controls
12" Touchscreen
Central Playback Keys
Programming Keys
Four Encoders
Illuminated Trackball
Rear Expansion Port for Super Widget
Blue LED Marker Lights

Setting Up a Road Hog Wing

Unpacking

A Road Hog Wing ships in a custom packing box with these components:

- Road Hog Wing, with one LED desklight and desk cover
- European and Edison power cords
- Six foot VGA cable
- Six foot USB cable

If you find components missing or damaged, notify boththe shipping agent and the sales agent immediately. Before sending anything to the factory, call your High End Systems dealer/distributor for a Return Material Authorization (RMA) number.

The factory cannot accept any goods shipped without an RMA number.

Connecting the Wing

To connect a Playback Wing:

1. Connect the VGA and USB cables from the Wing to the console; then power up the console and the Wing.
2. Configure the external monitor and calibrate the touchscreen in the Setup/Control/Displays panel section of the console.
3. Configure the Wing in the Setup/Control Panel/Wings section of the console.
4. Configure the Super Widget (if installed) in the Setup/Control Panel/Widgets section of the console.

Note: Detailed instructions for the control panel functions can be found in the Wholehog User Manual.

To connect a Programming Wing:

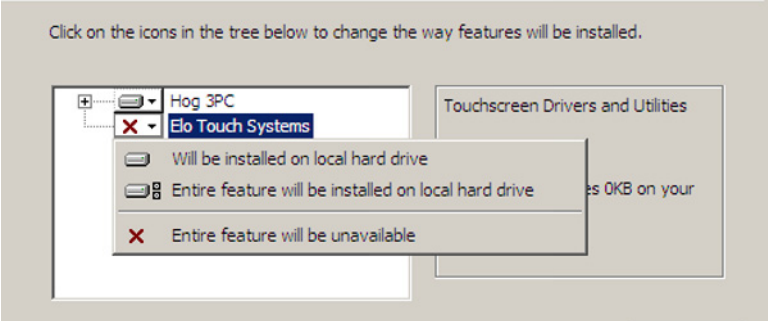
1. Connect the VGA and USB cables from the Wing to the console; then power up the console and the Wing.
2. Configure the external monitor and calibrate the touchscreen in the Setup/Control/Displays panel section of the console. The programming portion does not require any software configuration.
3. Configure the Super Widget (if installed) in the Setup/Control Panel/Widgets section of the console.

Note: Detailed instructions for the control panel functions can be found in the Wholehog User Manual.

Configuring the Road Hog Wing

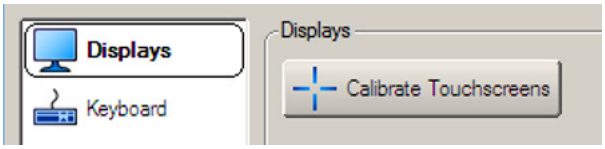
Using Touchscreens with Hog 3PC

When the Road Hog Wing is used with a computer running Hog 3PC, you must have the Elo touch-screen drive installed. When installing Hog 3PC, click on "Elo Touch Systems", then select
"Will be installed on local hard drive" to add this driver to your system.


Click on the icons in the tree below to change the way features will be installed.
Hog 3PC
Elo Touch Systems
Will be installed on local hard drive
Entire feature will be installed on local hard drive
Entire feature will be unavailable
Touchscreen Drivers and Utilities
s 0KB on your

Calibrating Touchscreens

Select the **Displays** tab of the **Control Panel** then, Press the **Calibrate Touchscreen** button.



A screen with directions to touch a target at each corner of the monitor screen will appear. After each touchscreen calibration is completed, the calibration screen closes and calibration of the additional screens begins. The calibration will terminate if no touch is received on the screen within 10 seconds.

Desklight

You can adjust the brightness of the desklight on the Wing by holding down the Setup key on the console and adjusting the third wheel. By default, the desklight is on while the Wing is being used and turns off after a period of inactivity; the period is determined by the Desk and Worklight Off setting in the Appearance pane of the User Preferences window. You can also use the fourth (right hand) wheel on the console front panel to adjust the LED brightness on the Wing keys.

Marker Lights

The blue side marker lights on the front of the Wing are always on when the Wing is powered on.

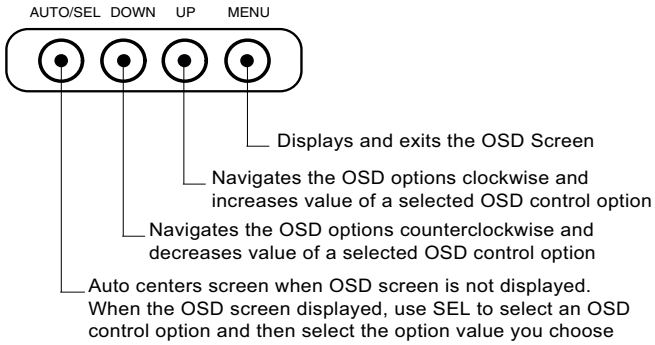
Super Widget Expansion Board

The Road Hog Wing can accept a Super Widget expansion board to allow it to output four universes of DMX from PC based products. Please consult the Super Widget Expansion kit for installation instructions.

Part Numbers for Wings and Accessories	
Road Hog Playback Wing	A5020001
Road Hog Programming Wing	A5020002
Super Widget Expansion Kit	A5040001
Road Hog Wing Road Case	A5070002

Monitor Controls

On Screen Display (OSD) menu control buttons are located on the top of the Wing above the monitor screen. Use these buttons to access the OSD menu system's monitor controls.


AUTO/SEL
DOWN
UP
MENU
Displays and exits the OSD Screen
Navigates the OSD options clockwise and increases value of a selected OSD control option
Navigates the OSD options counterclockwise and decreases value of a selected OSD control option
Auto centers screen when OSD screen is not displayed. When the OSD screen displayed, use SEL to select an OSD control option and then select the option value you choose

To adjust an OSD option:

1. Press the MENU button to display the OSD Menu.
2. Press the UP button or the DOWN button to navigate to a OSD control option.
3. When the function you want to change is displayed, press the SELECT button.

To adjust the Function value:

1. Press the UP button increases the value of the selected OSD control option.
2. Press the DOWN button decreases the value of the selected OSD control option.
3. After adjusting the values, press the SELECT button again to automatically save the changes.

OSD Control Option Descriptions

Contrast	**adjusts the contrast or the values of color gain (RED, GREEN or BLUE)**
Brightness	**adjusts the background Luminance of the LCD panel**
V-Position	**adjusts the display window vertically on the screen**
H-Position	**adjusts the display window horizontally on the screen**
Recall Defaults	**resets the factory OSD default settings.**
RGB	**selects Color Temperature and sets R, G, B gain.**
Volume	**(not used)**
Sharpness	**adjusts the color intensity and tint**
Phase	**(not used)**
Clock	**(not used)**
OSD H-Position	**positions the OSD menu screen horizontally in the monitor display**
OSD V-Position	**positions the OSD menu screen vertically in the monitor display**
OSD Timeout	**adjusts the amount of time in which the OSD will disappear**
Auto Adjust	**automatically refreshes the screen and exits the OSD**
Language	**chooses between English, French, German, Spanish and Japanese for OSD**
Info	**displays the current monitor resolution and refresh rate**

Note: The OSD screen will disappear if no input activities are detected for 45 seconds.

Troubleshooting

The table below describes basic troubleshooting for the Road Hog Wing hardware. For software troubleshooting, refer to the Wholehog User Manual or on-line help.

If a problem persists after you try the suggestions listed in the following table, contact High End Systems Support at 800.890.8989 or support@flyingpig.com.

Problem	Suggestion(s)
The Wing does not power on	**Check that the AC power switch at the back of the Wing is ON.**
Touch functions do not work	**Check that the USB connection is secure. Cycle power to the Wing. Calibrate the touchscreen from the console.**
Wing functions do not work	**Check USB connection and AC power. Check configuration in the console's control panel/wings**
Internal Widget does not work	**Check external and internal USB connections. Check configuration in the console's control panel/ widgets**

Cleaning Wings and Touchscreens

To clean the Wing and touchscreens, use only a soft cloth damped with water. Glass cleaner or other solvents will dull the finish of the Wing. **Do not** use alcohol (methyl, ethyl or isopropyl) or any strong solvent. **Do not** use thinner or benzene, abrasive cleaners or compressed air. Do not wipe the screen with a cloth or sponge that could scratch the surface.

Contacting High End Systems®

email: support@flyingpig.com

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Austin, TX 78758 USA
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fax: 512.837.5290
Toll Free: 800.890.8989

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voice (toll free):
800.890.8989
fax: 512.837.9290

West Coast U.S.
8200 Haskell Avenue
Van Nuys, CA 91406 US
voice: 818.947.0550
fax: 818.908.8975

Safety Information

WARNING: For Continued Protection Against Electric Shock, this equipment requires connection to a branch circuit having a maximum overload protection of 20 A.

1. If this equipment was received without a line cord plug, attach the appropriate line cord plug according to the following code:
   - brown - live
   - blue - neutral
   - green/yellow - earth
2. Class I equipment. This equipment must be earthed.
3. Equipment suitable for dry locations only. Do not expose this equipment to rain or moisture.
4. Disconnect power before servicing.
5. Refer servicing to qualified personnel; no user serviceable parts inside.

Importantes Informations Sur La Sécurité

Mise En Garde: Pour Une Protection Permanente Contre Les Chocs Électriques

1. Si cet équipement est livré sans prise de cable, veuillez connecter la prise de cable correcte selon le code suivant:
   - marron - phase
   - bleu - neutre
   - vert/jaune - terre
2. Débrancher le courant avant d'effectuer des réparations.
3. Cet équipement doit être uniquement utilisé dans des endroits secs. Ne pas l'exposer à la pluie ou l'humidité.
4. À l'intérieur de l'équipement il n'y a pas de pièces remplaçables par l'utilisateur. Confiez l'entretien à un personnel qualifié.
5. Equipement de Classe I. Cet équipement doit être mis à la terre.

Información Importante De Seguridad

Advertencia: Para Protección Continua Contra Incendios. Este equipo debe conectarse a un circuito que tenga una protección máxima contra las sobreca gas de 20 A.

1. Si se recibió este equipo sin el enchufe de alimentacion, monte usted el enchufe correcto según el clave siguente:
   - moreno - vivo
   - azul - neutral
   - verde/amarillo - tierra
2. Desconecte el suministro de energía antes de prestar servicio de reparación.
3. Este equipo se adecua a lugares secos solamente. no lo exponga a la lluvia o humedad.
4. Derive el servicio de reparación de este equipo al personal calificado. El interior no contiene repuestos que puedan ser reparados por el usuario.
5. Equipo de Clase I. Este equipo debe conectarse a la tierra.

Wichtige Hinweise Für Ihre Sicherheit

Warnung: Zum Schutz Vor Brandgefahr Dieses Gerät darf nur an eine Zweigleitung mit einem Überlastungsschutz von höchstens 20 A angeschlossen werden.

1. Wenn dieses Gerät ohne einen Netzkabelstecker erhalten wurde, ist der entsprechende Netzkabelstecker entsprechend dem folgenden Code anzubringen:
   - Braun - Unter Spannung stehend
   - Blau - Neutral
   - Grün/Gelb - Erde
2. Dieses Gerät gehört zur Klasse I. Dieses Gerät muß geerdet werden.
3. Diese Geräte sind nur zum Einbau in trockenen Lagen bestimmt und müssen vor Regen und Feuchtigkeit geschützt werden.
4. Vor Wartungsarbeiten stets den Netzstecker ziehen.
5. Servicearbeiten sollten nur von Fachpersonal ausgeführt werden. Das Gerät enthält keine wartungsbedürftigen Teile.

Importanti Informazioni Di Sicurezza

Avvertenza: Per Prevenire Incendi Questa apparecchiatura e' da collegarsi ad un circuito con una protezzione da sovraccarico massima di 20 amperes.

1. Se questa apparecchiatura è stata consegnata senza una spina del cavo di alimentazione, collegare la spina appropriata del cavo di alimentazione in base ai seguenti codici:
   - marrone - sotto tensione
   - blu - neutro
   - verde/giallo - terra
2. Disinnestare la corrente prima di eseguire qualsiasi riparazione.
3. Questa apparecchiatura e' da usarsi in ambienti secchi. Non e' da essere esposta ne alla pioggia ne all' umidita'.
4. Per qualsiasi riparazione rivolgersi al personale specializzato. L' utente non deve riparare nessuna parte dentro l' unita'.
5. Aparecchio di Classe I. Questa apparecchiatura deve essere messa a terra.

安全に関する情報

警告:火災からの継続的な保護の為に

- この装置には分岐回線への接続の為の最大 20 A の過負荷防止機構を持っています。

警告:感電に対する継続的な保護の為に

1. プラグの付いていない状態でこの装置を受け取った場合は、以下のコード表にしたがって、適切にプラグを取り付けて下さい。:
   - Brown（茶色） -Live（ライブ）
   - Blue（青） -Neutral（ニュートラル）
   - Green/Yellow （緑/黄色） -Earth（アース）
2. ここで説明されている各部品に関する色があなたの持っているプラグの端末の色と対応していない場合があります。以下にしたがって接続して下さい。:
   - Green/Yellow （緑/黄色）のケーブルを、プラグの端末に E もしくは アースのシンボル ⏚ の表記のある物に接続するか、Green/Yellow （緑/黄色）の物に接続して下さい。
   - Blue（青）のケーブルを、プラグの端末に N が表記された物もしくは 黒に塗られた物に接続して下さい。
   - Brown（茶色）のケーブルを、プラグの端末に L が表記された物もしくは赤に塗られた物に接続して下さい。
3. この装置は Class I機器です。この為この装置はアースしなければなりません。
4. この装置は乾燥した状態でのみ使用出来ます。この装置を雨又は湿気にさらさないで下さい。
5. 修理点検を行う場合は事前に電源を切り離して下さい。
6. 整備点検の項目は資格を持った技師の為の物です。;ユーザーによって修理点検を行えるパーツは存在していません。